

# UK BIOBANK SCIENTIFIC CONFERENCE

FROM DATA TO DISCOVERY



10 December 2024

QEI Centre, London



[www.ukbiobank.ac.uk](http://www.ukbiobank.ac.uk)



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[#UKBSC24](https://twitter.com/UKBSC24)

# MORNING SESSION



## Welcome

10:30 - 11:00 **Registration and refreshments**

11:00 - 11:05 **Dr John-Arne Røttingen**, *Wellcome*: Welcome

## Access to primary care data

11:05 - 11:10 **Professor Naomi Allen**, *UK Biobank*: Session chair

11:10 - 11:20 **Professor Paul Welsh**, *University of Glasgow*: Leveraging primary care data in UK Biobank for health research

11:20 - 11:30 **Mr Jonathan Sellors**, *UK Biobank*: Challenges and opportunities to obtaining primary care data

11:30 - 11:40 **Mr Michael Chapman**, *NHS England*: Centralised access to GP data for consented research participants in England

11:40 - 11:50 **Professor Martin Rutter**, *UK Biobank*: Engaging the GP community

11:50 - 12:10 **Panel discussion**: All speakers and additional members from the UK Biobank Participant Advisory Group

12:10 - 12:20 **Video: Lord Patrick Vallance**, *Minister of State for Science, Research and Innovation*

## Towards a deeper understanding of brain health

12:20 - 12:25 **Professor Rory Collins**, *UK Biobank*: Session chair

12:25 - 12:35 **Associate Professor Adam Lewandowski**, *UK Biobank*: The UK Biobank Brain Health Study

12:35 - 12:45 **Mrs Catherine Joynson**, *UK Biobank*: The importance of participant involvement and engagement in UK Biobank

12:45 - 12:55 **Professor Clare Mackay**, *University of Oxford* and **Associate Professor Ludovica Griffanti**, *University of Oxford*: Use of UK Biobank brain imaging in NHS settings

12:55 - 13:15 **Panel discussion**: all speakers

13:15 - 14:15 **Lunch**: Posters, networking and meet the UK Biobank access team

# AFTERNOON SESSION

## The big reveal: 10 years of UK Biobank imaging

- 14:15 - 14:20 **Professor Laura Parkes**, *University of Manchester*: Session chair
- 14:20 - 14:30 **Mr Steve Garratt**, *UK Biobank*: How to image 100,000 people
- 14:30 - 14:40 **Professor Karla Miller**, *University of Oxford*: Creation of derived phenotypes for neuroimaging
- 14:40 - 14:50 **Professor Declan O'Regan**, *Imperial College London*: Advances in cardiovascular imaging-genetics
- 14:50 - 15:00 **Professor Paul Foster**, *University College London*: The value of repeat OCT measures
- 15:00 - 15:20 **Panel discussion**: All speakers
- 15:20 - 15:50 **Tea break**
- 15:50 - 16:05 **Dr Jelena Bešević**, *UK Biobank*: Early Career Researcher of the Year Award Winner announcement and presentation

## Accessing UK Biobank

- 16:05 - 16:10 **Dr Tariq Khokhar**, *Wellcome*: Session chair
- 16:10 - 16:20 **Dr Mark Effingham**, *UK Biobank*: The UK Biobank Research Analysis Platform
- 16:20 - 16:30 **Dr Lauren Carson**, *UK Biobank*: Getting the most from the UK Biobank Research Analysis Platform
- 16:30 - 16:50 **Panel discussion**: All speakers and additional panel members - **Dr Ben Busby**, *DNAnexus*, **Nicola Perrin MBE**, *AMRC*, **Sir Michael Ferguson**, *Dundee University* and *UK Biobank Access Committee*, **Kira Levy**, *AWS*
- 16:50 - 17:00 **Professor Patrick Chinnery**, *Medical Research Council*: Closing remarks
- 17:00 - 18:00 **Drinks reception**